Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-01-30
Investment Auto Submission Date: 2012-02-23
Date of Last Investment Detail Update: 2012-02-23
Date of Last Exhibit 300A Update: 2012-03-13
Date of Last Revision: 2012-03-13

Agency: 007 - Department of Defense **Bureau:** 17 - Department of the Navy

Investment Part Code: 02

Investment Category: 00 - Agency Investments

1. Name of this Investment: Joint Tactical Radio System (JTRS) - Airborne and Maritime/Fixed Station (AMF)

2. Unique Investment Identifier (UII): 007-000006524

Section B: Investment Detail

1. **Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The Airborne and Maritime/Fixed Station (AMF) Joint Tactical Radio System (JTRS) is an approved materiel program, and part of the Department of Defense (DoD) strategy for fielding software reprogrammable network capable radios to meet present and future communications and navigation requirements. AMF JTRS will develop, procure, and support integration and installation of an advanced communications system to meet the requirements of the JTRS Operational Requirements Document (ORD) v3.2, dated 9 April 2003, and amended by ORD v3.2.1, approved by the Joint Requirements Oversight Council Memorandum (JROCM), dated 28 August 2006. AMF JTRS will meet both near-term RF communications needs and objective network-enabled operations. The overall objective of the AMF JTRS program is to provide an integrated, modular communications capability for all Service's airborne, maritime, and fixed station tactical radio requirements. The Joint Program Executive Office (JPEO) JTRS will manage the AMF program through Full Rate Production. Individual airborne, maritime, and fixed station platform requirements will define the capabilities installed in AMF JTRS Small Airborne (SA) and Maritime/Fixed Station (M/F) sets, and their respective levels and complexities. AMF JTRS will provide a flexible, reconfigurable, and highly maintainable radio frequency communications capability via modular systems built upon an open systems architecture. The primary beneficiaries of AMF JTRS equipment will be fixed wing, rotary wing, and unmanned airborne platforms, surface and subsurface ship platforms, and fixed

land stations in order to provide the warfighter with a modern, secure, dynamically reconfigurable communications capability which will increase battlefield mission effectiveness, automate information and system management, and substantially improve information interoperability across the forces. AMF JTRS will transform and modernize airborne, maritime, and field communications with improved networked data and voice capabilities and enable network-centric operations. AMF JTRS is dependent on the JTRS Network Enterprise Domain (NED) program for waveforms.

2. **How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

This investment closes the mission delivery gap for interoperable tactical radio communications systems in support of Joint military operations. Existing tactical radio systems were designed with mutually exclusive architectures to perform specific tasks; generally cannot interoperate except with like radios operating a single waveform on a single frequency band; are not capable of simultaneous voice, video, and data operations; and lack the ability to conduct complex network management and facilitate inter-Service interoperability. Airborne, Maritime/Fixed Station closes this gap by delivering modular, multi-band, multi-mode radios providing Joint interoperable, mobile ad-hoc networked communications connectivity for warfighters at the tactical level.

3. **Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

Continued Engineering Development Model (EDM) hardware and non-waveform software build 2.1 & 2.3 development and integration. Conducted initial hardware and software demonstration with the AMF JTR Set-SA for Wideband Networking Waveform (WNW). Delivered AMF JTR Set-SA EDMs with initial Link 16 capability to the Army and initial WNW/Link 16 capability to the Air Force. A total of 15 EDMs were delivered. Continued platform integration development for AMF test program. Continued Acquisition documentation for Milestone C. Continued NSA information assurance activities and verification of design. Continued development engineering and management support for associated JTR system components.

4. **Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

Restructure AMF program due to schedule delays, technical challenges, increased costs, and changing Service priorities. Close out existing prime contract. Conduct market research to support non-developmental item (NDI) acquisition planning. Modify material solutions for incremental acquisition strategy - focused on using NDI to meet user needs. Re-phase delivery of waveform capabilities to align with Army battlefield network implementation and maturity of NDI products. Develop RFP and award contract for NDI solution to meet requirements for Apache Block 3, Lot 4. Acquire initial Phase 1 (Link 16/SRW) integration assets for Apache Block 3, Lot 4. Sponsor NDI vendors for Network Integration Evaluation (NIE) and waveform certification efforts. Support legacy radio certification of networking capabilities. Develop RFI/RFP for Phase 2 NDI solutions for Soldier Radio Waveform

(SRW)/Wideband Networking Waveform (WNW) in Army Aviation platforms (Apache, Blackhawk & Chinook). Support Developmental Test (DT)/Operational Test & Evaluation (OT&E) flight tests of Phase 1 radios with Apache Lot 4. Complete all Government developmental/validation testing conducted on Phase 1 Engineering Development Model (EDM) articles. Conduct Phase 1 Milestone C review and award the Low Rate Initial Production (LRIP) contract option for Apache Block 3, Lot 4; begin Government developmental testing on LRIP articles. Award contract(s) for Phase 2 NDI solutions for SRW/WNW in Army Aviation platforms (Apache, Blackhawk & Chinook). Conduct waveform confidence testing for SRW/WNW-Antijam (AJ). Sponsor NDI vendors for NIE and waveform certification efforts. Support legacy radio certification of networking capabilities. Develop RFI and RFP for Phase 3 NDI solutions for MUOS in user platforms. Procurement: Procure 110 AMF Small Airborne (SA) radios for Army rotary wing platforms.

5. **Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2008-10-08

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	$0.0	$52.5	$44.0	$0.0
DME (Excluding Planning) Costs:	$1,330.7	$308.4	$350.5	$132.2
DME (Including Planning) Govt. FTEs:	$4.5	$2.0	$2.0	$2.0
Sub-Total DME (Including Govt. FTE):	$1,335.2	$362.9	$396.5	$134.2
O & M Costs:	$0.0	$0.0	$0.0	$0.0
O & M Govt. FTEs:	$0.6	$0.6	$0.5	$0.5
Sub-Total O & M Costs (Including Govt. FTE):	$0.6	$0.6	$0.5	$0.5
Total Cost (Including Govt. FTE):	$1,335.8	$363.5	$397.0	$134.7
Total Govt. FTE costs:	$5.1	$2.6	$2.5	$2.5
# of FTE rep by costs:	32	16	16	16
Total change from prior year final President's Budget ($)		$-46.1	$-169.0	
Total change from prior year final President's Budget (%)		-11.00%	-30.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

PY (FY 2011) changes: -$60.0M Congressional Reduction in RDT&E,N -$28.666M RDT&E,N reduction, correcting previous administrative error (HMS JTRS funds in AMF line). -$10.008 RDT&E,N reduction (includes SBIR & FFRDC) +$52.455M RDT&E,AF apparent increase is administrative error CY (FY 2012) changes: -$0.186M in Government FTE costs -$181.239M Congressional reduction in OPA, OPN, and OPAF -$33.839M Air Force reduction in APAF +$43.964M RDT&E,AF apparent increase is administrative error

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value ($M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded		FA872608C0008									

Solicitation ID	Type of Contract/Task Order (Pricing)	PBSA	Effective date	Extent Competed	Short description of acquisition
	Cost Plus Award Fee	N	2008-03-28	Y	AMF JTRS SDD
	Cost Plus Incentive	N	2008-03-28	Y	AMF JTRS SDD

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:
Earned Value is being performed in accordance with DoD requirements.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-01-30

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost ($M)
P6524-102	System Development Demonstration (SDD)	Contract awarded to Lockheed Martin Corp 28 March 2008. Vendor will design and develop two working form factors with demonstrated capability to run five waveforms in an NSA certified environment.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities ($M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance ($M)	Cost Variance (%)	Total Planned Cost ($M)	Count of Activities
P6524-102	System Development Demonstration (SDD)							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
NONE								

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
NONE								